CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2008 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2005

JAS-ANZ BSCIC ISO 9001 REGISTERED

Job No.: CTCE/BBMP/W.No.15/KJ/SAND/2014-15 : 03.06.2014

TEST REPORT ON FINE AGGREGATES
IS 383-1970 (RA- 2002)

Client : **Asst. Executive Engineer,** Dasarahalli Sub Division, BBMP, Bangalore.

Agency : **Smt. K. Jayamma,** Contractor, Bangalore.

Name of Work : Ward Maintenance for Gangmens & Tractor for 1st shift 6.00AM to 02.00PM removing silt & debris in the drains road side burms in Dasarahalli Ward No.15, BBMP, Bangalore.

Reference : EE/DD/W.O/260/2013-14 Dated: 29.05.2014

Date of Testing : 03.06.2014

Material : Sand

Total Wt. of Aggregates in gms 1000

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	52	5.20	5.20	94.8	90-100
2.36	165	16.50	21.70	78.3	75-100
1.18	198	19.80	41.50	58.5	55-90
600 Micron	225	22.50	64.00	36.0	35-59
300 Micron	200	20.00	84.00	16.0	8-30
150 Micron	115	11.50	95.50	4.5	0-10

Civil-Tech Consultants & Engineers Bangalore

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

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Job No.: CTCE/BBMP/WNo.15/8J/CEMENT/2014-15

Date: 05.06.2014

TEST REPORT

CLIENT	:	Asst. Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
AGENCY	:	Smt. K. Jayamma, Contractor, Bangalore.
NAME OF THE WORK	:	Ward Maintenance for Gangmens & Tractor for 1st shift 6.00AM to 02.00PM removing silt & debris in the drains road side bunds in Dasarahalli Ward No.15, BBMP, Bangalore.
REFERENCE	:	EE/DD/W.O/260/2013-14 Dated: 29.05.2014
SAMPLE ID	:	CEMENT
SAMPLES SUPPLIED BY	:	AGENCY

The results of the tests conducted on the cement sample are as follows:

SLNo	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 8112-2013
1	Standard Consistency	IS-4031 (Part -4)	28.00 %	-
2	a) Initial Setting Time	IS-4031 (Part -5)	135 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5)	485 Minutes	Not More than 600 Minutes
3	Soundness by the Le-Chatelier method	IS-4031 (Part 3)	1 mm	Not more than 10 mm

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